

- A|
- i) keratinocytes and
- ii) a composition comprising an effective amount of aloe-emodin monoacetate; and
- b) applying said composition to said keratinocytes, wherein said effective amount is sufficient to inhibit keratinocyte proliferation as compared to control samples.

47. The method of Claim 46, wherein composition further comprises at least one compound selected from the group consisting of 3-methylanthralin, chrysophanol, and aloe-emodin.

48. The method of Claim 46, wherein said composition is a cream.

49. The method of Claim 46, wherein said composition is a gel.

50. The method of Claim 46, wherein said keratinocytes are from a patient suffering from psoriasis.

51. The method of Claim 46, wherein said keratinocytes are from a patient suffering from eczema.

REMARKS

With this amendment, new claims 7-51 have been added. The new claims are fully supported by the original specification and do not constitute new matter. Support for the new Claims is summarized in the following Table.¹

¹ This summary is believed to be in compliance with 37 CFR 1.173(c).

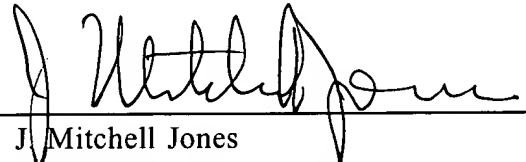
| Support for New Claims | |
|---------------------------------------|---------------------------------------|
| Claim Number | Support in Specification (Col.:lines) |
| 7, 8, 9, 10, | 4:15-26 |
| 11 | 2:13-15 |
| 12 | 4:1-5 |
| 13, 14, 15, 16, 17, 18 | 4:15-45 |
| 19, 20 , 21, 22, 23, 24, 25 | 4:15-26 |
| 26, 27, 28, 29, 30, 31, 32, 33, 34 | 4:1-26 |
| 35, 36, 37, 38, 39, 40 | 4:1-26 |
| 41, 42, 43, 44, 45 | 4:1-26 |
| 46, 47, 48, 49, 50, 51 | 4:1-26, 23:8-20 |

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CONCLUSION

Applicants believe that the pending claims are in condition for immediate allowance. Should the Examiner have any questions, or if a telephone conference would aid in the prosecution of the present application, Applicants encourage the Examiner to call the undersigned collect at 608-218-6900.

Dated: December 21, 2000


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42. The method of Claim 41, wherein said effective amount is an amount sufficient to relieve the symptoms of psoriasis in a patient.

43. The method of Claim 41, wherein said pharmaceutical preparation is selected from the group consisting of pills, tablets, capsules, liquids, gels, sprays, creams, dermal patches, and suppositories.

44. A method for preparing a pharmaceutical gel or cream comprising:

- a) providing purified aloe-emodin monoacetate; and
- b) preparing a pharmaceutical gel or cream comprising an effective amount of said aloe-emodin monoacetate.

45. The method of Claim 44, further comprising providing at least one compound selected from the group consisting of 3-methylantralin, chrysophanol, and aloe-emodin and combining said at least one compound with said aloe-emodin monoacetate to provide said preparation.

46. A method for inhibiting keratinocyte proliferation comprising

- a) providing
 - i) keratinocytes and
 - ii) a composition comprising an effective amount of aloe-emodin monoacetate; and
- b) applying said composition to said keratinocytes, wherein said effective amount is sufficient to inhibit keratinocyte proliferation as compared to control samples.

merge a and b

47. The method of Claim 46, wherein composition further comprises at least one compound selected from the group consisting of 3-methylantralin, chrysophanol, and aloe-emodin.

48. The method of Claim 46, wherein said composition is a cream.

49. The method of Claim 46, wherein said composition is a gel.

50. The method of Claim 46, wherein said keratinocytes are from a patient suffering from psoriasis.

51. The method of Claim 46, wherein said keratinocytes are from a patient suffering from eczema.